

ABSTRACT
2'-SUBSTITUTED RNA PREPARATION

A process for the preparation of a compound of formula (1):



is provided, which comprises the reaction a compound of formula (2):



with a compound of formula $Al(OR)_3$ wherein R is as defined above, under substantially anhydrous conditions. X, and X' are each independently H or a protecting group, B is a base; R is an alkyl, alkoxyalkyl, alkenyl, or alkynyl group, each of which may be optionally substituted, and L is a leaving group.